

AIR LEAKAGE RATED ASSEMBLIES

Air Leakage Rated Assemblies provide a means to restrict the movement of smoke through openings in walls, doors, corridors and other building components in order to maintain a tenable environment. Restricting the movement of smoke may be needed for life safety reasons or for property conservation purposes, especially in smoke sensitive areas where high valuations of property are located. Air Leakage Rated Assemblies are not required to be fire rated unless specifically shown.

Air Leakage Rated Rolling Steel Doors

Rolling steel doors have been tested in accordance with UL 1784 "Air Leakage Tests of Door Assemblies" to determine if they meet the requirements to qualify as an air leakage rated assembly. This test method requires air leakage measurements to be taken at pressure differentials of 0.05, 0.10, 0.20 and 0.30 inches (12.5, 25.0, 50.0 and 75.0 kPa) of water column at both ambient and elevated temperatures. The test method described above also qualifies the assembly in accordance with the Uniform Building Code (UBC) Test Method 7-2, Part II and The National Fire Protection Association (NFPA) Recommended Practice 105. Units are not required to be fire rated.

The Cookson Co 2417 S 50th Ave Phoenix AZ 85043

Model SD-10 rolling steel door. Supplied with galvanized, painted or stainless steel slats. Max size: 72 ft² (6.7 m²) with the width of the opening not exceeding 9 ft (2.7 m) and the height of the opening not exceeding 8 ft (2.4 m). Oversize doors allowed up to 120 ft² (11.1 m²) with the width of the opening not exceeding 12 ft (3.6 m) and the height of the opening not exceeding 10 ft (3 m). Gasketing and caulking required in accordance with the manufacturer's written installation instructions.

Raynor Mfg Co East River Rd Dixon IL 61021

Model FireCoil and FireCurtain rolling steel door. Supplied with galvanized, painted or stainless steel slats. Max size: 72 ft² (6.7 m²) with the width of the opening not exceeding 9 ft (2.7 m) and the height of the opening not exceeding 8 ft (2.4 m). Oversize doors allowed up to 120 ft² (11.1 m²) with the width of the opening not exceeding 12 ft (3.6 m) and the height of the opening not exceeding 10 ft (3 m). Gasketing and caulking required in accordance with the manufacturer's written installation instructions.

Windsor Door Inc 5800 Scott Hamilton Dr Box 8915 Little Rock AR 72219

Model 7175 rolling steel door. Supplied with galvanized, painted or stainless steel slats. Max size: 72 ft² (6.7 m²) with the width of the opening not exceeding 9 ft (2.7 m) and the height of the opening not exceeding 8 ft (2.4 m). Oversize doors allowed up to 120 ft² (11.1 m²) with the width of the opening not exceeding 12 ft (3.6 m) and the height of the opening not exceeding 10 ft (3 m). Gasketing and caulking required in accordance with the manufacturer's written installation instructions.

IDENTIFIED COMPONENTS

A product listed as an identified component is not complete in itself as a field-installed material or product, but is a component in a factory-produced finished product. These components have been evaluated when incorporated in the manufacture of a listed finished product, and their use is limited to manufacturers of listed products only, when authorized by FM Approvals.

The use of a listed component does not entitle a producer of an end product to mark his product or material with the FM Approvals name or imply that the finished product or material is FM Approvals Approved or tested, until such finished product has been tested and authorization has been granted by FM Approvals to that end-product producer.

The Identified Component Service provides a means to control the expected performance of a finished product. Control is maintained through the FM Approvals Facilities and Procedures Audit Inspection Program.

A listed identified component must bear the product identification marking as follows:

PRODUCT TRADE NAME
 MANUFACTURER'S NAME

 FM APPROVALS LISTED
 IDENTIFIED COMPONENT (CATEGORY-PRODUCT TYPE)

Chemical System—Foamed Plastic

BASF Corp (MI) 13000 Levan St Livonia MI 48150

Autofroth 8525, 8941, 9035 and 9142. Each is a two component liquid system designed for the manufacture of rigid urethane foam product.

BASF Corp 1609 Middle Ave Wyandotte, MI 48192

Isofoam R-1242. This is a two component liquid system designated for the manufacture of rigid urethane foam product.

Stepan Co 22 W Frontage Rd Northfield IL 60093

Stepanfoam RI-9599, RI-9620, RI-9625, RI-9632, RS-9601, RS-9604, RS-9609, RS-9700, RS-9701, RS-9702, RS-9703, RS-9704, RS-9705, RS-9706, RS-9707, RS-9708. Each is a two-component liquid system designed for the manufacture of rigid urethane foam product.

Resin System—FRP Ductwork

Borden Chemical Inc 6210 Campground Rd Louisville KY 40216

Fire PRF₂ 1000 FM. A two-component liquid resin system (Fire PRF₂ 1000-Part A combined with either Fire PRF₂ 1000 FM Component B, Fire PRF₂ 1030 FM Component B or Fire PRF₂ 1060 FM Component B) used in the manufacturing of flame retardant plastic ducts which are used for corrosive fume and/or smoke exhaust systems.